

Sheet Revisions

Comments

Init.

Date:

Colorado Department of Transportation

Staff Bridge Branch

Denver, CD 80204 Phone: 303-512-5989

Phone: FAX: 303-757-9197

2829 West Howard Place, 3rd Floor

NOTES:

B-606-10MASH A-S

(Use with B-606-10MASH & 10MASH B)

- All tubes shall be ASTM A1085. All posts, base plates, and splice tubes fabricated by welding shall be ASTM A572 Grade 50. All other steel shall be Grade 36 unless otherwise noted.
- 2. The above material and all anchor bolts and miscellaneous bolts, nuts, and washers shall be galvanized after fabrication in accordance with Section 509. Concrete, reinforcing steel, and structural steel elements shall conform to the requirements of Sections 601 & 606, 602, and 509, respectively unless otherwise noted.
- 3. All bolts that have lock washers shall be tightened to snug only. All anchors shall be cast in place unless approved by Engineer.
- 4. The top and inside face of the rail shall receive a coating of Item 515, Concrete Sealer, compatible with the concrete coating or sealer/stain shown in the plans.
- 5. Payment will be made under item 606, Transition Type BR10M-GR3, for all anchor bolts, miscellaneous bolts, nuts, washers, tubes, tube expansion device, concrete (Class D with Macrofiber), reinforcing steel, and concrete sealer. The poured joint, expansion joint material, excavation and backfill will not be paid for separately, but shall be included in the work.
- 6. Prior to fabrication of this item, an electronic PDF which complies with the requirements of section 105, shall be submitted to the Engineer for information only.
- 7. All longitudinal reinforcement shall terminate with standard stirrup hooks as shown. Rotate or adjust reinforcing hooks to avoid interferences as required.
- 8. The Thrie Beam connection/post of Type 3G or 3H shall be adjusted or rotated to match the transition plate.
- 9. Posts, concrete curbs, and stirrups shall be perpendicular to the longitudinal roadway grade and cross slopes.

DESIGN DATA

Structural Steel:

AASHTO M270 Gr 36 (ASTM A709 Gr 36) fy = 36 KSI

AASHTO M270 Gr 50 (ASTM A992/A572 Gr 50) fy = 50 KSI

ASTM A1085 fy = 50 KSI

Concrete: Class D with Macrofiber f'c = 4.5 KSI

Reinforcing Steel: fy = 60 KSI Min

All reinforcing bends shown shall use a 4D pin diameter

INFORMATION ONLY

DESCRIPTION	UNIT	QUANTITY
Structural Steel (Galvanized)	LB	610
Concrete Sealer	SY	2.8
Concrete Class D with Macrofiber	CY	.8
Reinforcing Steel (Epoxy Coated)	LB	110

▲ 2" Deep poured joint filler, polysulfide or silicone sealant. Extend up to sidewalk and 6" up face of rail curb.

ation	As Constructed	TRANSITIUN TYPE BRIOM-GR3 SHEET 1 - CURB DETAILS			Project No./Code	
rd Floor	Floor No Revisions: SLEEPER VERSION				Project Number	
	Revised:			Structure		Code
		Detailer: XXX	XXXXX	Numbers	X-XX-XX	
Initials	Void:	Sheet Subset: B	RIDGE	Subset Sh	eets: BXX of XXX	Sheet Number

TRANSTITION TYPE PRANT

Print Date: \$DATE\$

Init Information

All seals for this set of

drawings are applied to

the cover page(s)

ile Name: Sheet_B-606-10MASHA-S.dgn

Horiz. Scale: Not to Scale Vert, Scale: As Noted

Unit Leader Initials